

WHAT IS CLAIMED IS:

1. A video camera with a microphone comprising a microphone that may control directional characteristics to focus on the subject synchronizing to the focusing on the subject of the video camera,

- 5                    wherein the microphone is an optical microphone comprising:
- a diaphragm which oscillates by the sound pressure;
- a light source which irradiates a light beam in the above diaphragm;
- a photodetector which receives a reflection light of the light beam irradiated on the above diaphragm and outputs the signal which copes with the oscillation of the above diaphragm;
- a light source drive circuit that drives to supply predetermined electric current to the light source; and
- a negative feedback circuit that supplies a part of the signal outputted from the photodetector to the light source drive circuit as a negative feedback signal; and
- 10                    wherein the directional characteristics of the optical microphone is controlled by changing the volume of the negative feedback signal by the zooming signal which shows the amount of zooming of the video camera to the subject.
- 15                    2. The video camera with a microphone according to claim 1,

20                    wherein the zooming signal is a zoom quantity signal which shows a quantity of change in zooming of the varifocal lens of the video camera.